

## **325 NON-SHRINK GROUTING**

### **325.01 DESCRIPTION**

Work includes furnishing all labor and material required to perform the grouting specified on the Drawings or in the Specifications.

### **325.02 SUBMITTALS**

The Contractor shall furnish recent independent laboratory tests showing compliance with requirements specified. Certification or affidavits will not be acceptable.

The Contractor shall furnish manufacturer's literature describing product and instructions for use.

### **325.03 PRODUCT DELIVERY, STORAGE AND HANDLING**

Grout shall be delivered in moisture proof bags with the manufacturer's name, product name and general instructions for placement printed on the bag.

Product shall be stored on pallets and protected from damage.

### **325.04 MATERIALS**

Non-Shrink Grout - 806.05(F)

### **325.05 CONSTRUCTION REQUIREMENTS**

**(A) PREPARATION.** All contact surfaces shall be prepared in accordance with manufacturer's recommendations.

Grout contact surfaces shall be cleaned of all oil, grease, scale and other foreign matter.

Unsound concrete shall be removed leaving surface level but rough.

Concrete contact area shall be saturated with water 12-24 hours prior to grouting. Before placing grout, remove all excess or free standing water.

**(B) MIXING.** Grout shall be mixed in strict accordance with the manufacturer's written instructions. Amount of water used should be a minimum quantity to provide the desired grout consistency. Mix only that quantity of grout that can be placed within 30 minutes after mixing.

**(C) GROUTING.** All work shall be done in strict accordance with the manufacturer's recommendations, including special procedures for hot and cold weather grouting.

At the request of the Engineer, the manufacturer's representative shall be called to the job-site for consultation regarding detailed use of the grout.

The grout shall be placed using the most practical method, completely filling the space to be grouted and shall be thoroughly compacted and free of air pockets.

Do not remove forms until after the grout has taken an initial set and will not slump. After removal, cut off excess grout and finish to a smooth surface.

Prevent rapid loss of water from the grout during first 48 hours with the use of an approved membrane curing compound, or with the wetted burlap method.

### **325.06 MEASURE AND PAYMENT**

Non-shrink grout will not be measured separately for payment; the cost thereof shall be included in the lump-sum or unit price for PCC items of which it is a part.